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      Long, Andrew
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gac tgt aga cag caa gaa/ttc agg gat cgg tct gga aac tgt gtt ccc
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Asp Cys Arg Gln Gln Glu/Phe Arg Asp Arg Ser Gly Asn Cys Val Pro
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tgc aac cag tgt ggg c\phia ggc atg gag ttg tct aag gaa tgt ggc ttc
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Cys Asn Gln Cys Gly Pro Gly Met Glu Leu Ser Lys Glu Cys Gly Phe
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Gly Tyr Gly Glu Asp/ Ala Gln Cys Val Thr Cys Arg Leu His Arg Phe
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Lys Glu Asp Trp Gay Phe Gln Lys Cys Lys Pro Cys Leu Asp Cys Ala
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| | | | - | | cag Gln | _ | - | | _ | | - | | _ | _ | | 336 |
| | _ | | _ | _ | ttg Leu | | | | | | _ | _ | | | _ | 384 |
| | | | | | gag Glu | | | | | | | | | | | 432 |
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| - | _ | _ | | _ | ctg Leu | _ | _ | _ | | | | | | | | 576 |
| t o t CVs | _ | _ | _ | | atg Met | | _ | | | _ | _ | | | | | 624 |
| e Ej | Asp 210 | Ile | Gln | Tyr | aac Asn | Gly 215 | Ser | Glu | Leu | Ser | Cys 220 | Phe | Asp | Arg | Pro | 672 |
| đ ạ g | | | | | gcc Ala 230 | | | | | | | | | | | 720 |
| t <u>ç</u> a | | _ | | _ | ggg Gly | _ | | - | _ | | | | _ | _ | _ | 768 |
| | | | | | ccc Pro | | _ | | | | | | | | | 816 |
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| | _ | _ | | | ctg Leu 310 | _ | _ | | | _ | | | _ | | | 960 |
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Leu Asn Pro Glu Leu Glu Ser Ser Thr Ser Leu Asp Ser Asn Ser Ser
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Glu Glu Ala Cys Ser Pro Asn Pro Ala Thr Leu Gly Cys Gly Val His Ser Ala Ala Ser Leu Gln Ala Arg Asn Ala Gly Pro Ala Gly Glu Met Val Pro Thr Phe Phe Gly Ser Leu Thr Gln Ser Ile Cys Gly Glu Phe Ser Asp Ala Trp Pro Leu Met Gln Asn Pro Met Gly Gly Asp Asn Ile Ser Phe Cys Asp Ser Tyr Pro Glu Leu Thr Gly Glu Asp Ile His Ser Leu Asn Pro Glu Leu Glu Ser Ser Thr Ser Leu Asp Ser Asn Ser Ser Gln Asp Leu Val Gly Gly Ala Val Pro Val Gln Ser His Ser Glu Asn

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375

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Gly Phe Gln Asp Met Glu Cys Val Pro Cys Gly Asp Pro Pro Pro

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| _ | _ | | | | | | _ | | _ | gct Ala | _ | _ | | _ | | 528 |
| _ | _ | _ | | _ | _ | _ | _ | _ | | atc Ile | | _ | _ | | tat Tyr | 576 |
| | | | | | _ | | | | | agc Ser | | | | | | 624 |
| Gln | _ | | _ | | | | | | _ | tcg Ser | _ | | _ | _ | | 672 |
| | | | | | | | | | | tgc Cys 235 | | | | | | 720 |
| tica Ser | | _ | | _ | | _ | | - | _ | ctc Leu | | | _ | _ | _ | 768 |
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| ttt aca o Phe Thr A 370 | _ | _ | | | _ | | | | | _ | _ | _ | 1152 | |
|--|--|----------------|------------|------------|------------|-----------|------------|------------|------------|------------|-----------|------------|------|--|
| tca gca t Ser Ala S 385 | | | Āla | | | _ | - | _ | _ | | - | _ | 1200 | |
| gag agt g Glu Ser G | | | | | _ | | _ | _ | | | _ | _ | 1248 | |
| | agg cag cga ctg ggt tcc ctg tgaacacagc actgacttac agtagatcag Arg Gln Arg Leu Gly Ser Leu 420 | | | | | | | | | | | | | |
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| Ēģu Val I | Leu Leu 20 | Gly Tyr | Leu | Ser | Cys 25 | Lys | Val | Thr | Cys | Glu 30 | Thr | Gly | | |
| I) Asp Cys <i>P</i> II | Arg Gln 35 | Gln Glu | Phe | Arg 40 | Asp | Arg | Ser | Gly | Asn 45 | Cys | Val | Pro | | |
| Öys Asn G 50 | Gln Cys | Gly Pro | Gly 55 | Met | Glu | Leu | Ser | Lys 60 | Glu | Cys | Gly | Phe | | |
| Gly Tyr G | Gly Glu | Asp Ala 70 | | Cys | Val | Thr | Cys 75 | Arg | Leu | His | Arg | Phe 80 | | |
| Lys Glu A | Asp Trp | Gly Phe 85 | Gln | Lys | Cys | Lys 90 | Pro | Cys | Leu | Asp | Cys 95 | Ala | | |
| Val Val A | Asn Arg 100 | Phe Gln | Lys | Ala | Asn 105 | Cys | Ser | Ala | Thr | Ser 110 | Asp | Ala | | |
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| Tyr Glu F 145 | Pro His | Cys Ala 150 | | Lys | Val | Asn | Leu 155 | Val | Lys | Ile | Ala | Ser 160 | | |
| Thr Ala S | Ser Ser | Pro Arg | Asp | Thr | Ala | Leu | Ala | Ala | Val | Ile | Cys | Ser | | |

165 170 175

Ala Leu Ala Thr Val Leu Leu Ala Leu Leu Ile Leu Cys Val Ile Tyr 180 185 190

Cys Lys Arg Gln Phe Met Glu Lys Lys Pro Ser Trp Ser Leu Arg Ser 195 200 205

Gln Asp Ile Gln Tyr Asn Gly Ser Glu Leu Ser Cys Leu Asp Arg Pro 210 215 220

Gln Leu His Glu Tyr Ala His Arg Ala Cys Cys Gln Cys Arg Arg Asp 235 230 235 240

Ser Val Gln Thr Cys Gly Pro Val Arg Leu Leu Pro Ser Met Cys Cys 245 250 255

Glu Glu Ala Cys Ser Pro Asn Pro Ala Thr Leu Gly Cys Gly Val His 260 265 270

Ser Ala Ala Ser Leu Gln Ala Arg Asn Ala Gly Pro Ala Gly Glu Met 275 280 285

Vall Pro Thr Phe Phe Gly Ser Leu Thr Gln Ser Ile Cys Gly Glu Phe 290 295 300

Ser Asp Ala Trp Pro Leu Met Gln Asn Pro Met Gly Gly Asp Asn Ile 305 310 315 320

Ser Phe Cys Asp Ser Tyr Pro Glu Leu Ala Gly Glu Asp Ile His Ser

Leu Asn Pro Glu Leu Glu Ser Ser Thr Ser Leu Asp Ser Asn Ser Ser Ser 340 350

Gin Asp Leu Val Gly Gly Ala Val Pro Val Gln Ser His Ser Glu Asn 355 360 365

Phe Thr Ala Ala Thr Asp Leu Ser Arg Tyr Asn Asn Thr Leu Val Glu 370 375 380

Ser Ala Ser Thr Gln Asp Ala Leu Thr Met Arg Ser Gln Leu Asp Gln 385 390 395 400

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| _ | | _ | _ | | | | _ | | ttg Leu | | _ | _ | _ | | | 192 |
| : - <u>:</u> | | | | _ | _ | _ | _ | | ccc Pro | | | _ | | | | 240 |
| | | - | | | | | _ | _ | aag Lys 90 | | _ | | - | - | | 288 |
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| ggt | | | | | | | _ | | tgc Cys | | | | | | | 432 |
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| cag | gac | att | cag | tac | aat | ggc | tct | gag | ctg | tca | tgc | ttt | gac | cag | cct | 672 |



| Gln | Asp 210 | Ile | Gln | Tyr · | Asn | Gly 215 | Ser | Glu | Leu | Ser | Cys 220 | Phe | Asp | Gln | Pro | |
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| | | | | | cag Gln | - | | | | | | _ | | | | 864 |
| atg Met | | _ | | | ggg Gly | | _ | | _ | | | _ | _ | - | | 912 |
| 2 5 2 | _ | _ | | | ctg Leu 310 | _ | _ | | | _ | | | _ | _ | | 960 |
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| cato | ccttt | ca q | gccad | ctago | ct to | ctgaç | gcca | g acc | cagct | gta | agct | gaaa | acc d | ccago | caagaa | 1428 |

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